

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	28	reproduction with ("30" ms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:28
L5	1	lip sync with (compensator or adjust\$3 or synchroniz\$3) same ("20" with "30") ms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:31
L8	2	lip sync same(compensator or adjust\$3 or synchroniz\$3) same (first or last) picture with vobu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:32
L9	2	(compensator or adjust\$3 or synchroniz\$3) same (first or last) picture with vobu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:32
L10	3	decod\$3 with (first or last) picture with vobu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:34
L11	2	jp "2002197794"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:35
L12	2	jp "2000125265"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:36
L13	2	"6512884".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:37

## EAST Search History

L14	12	synchroniz\$3 with short\$3 with reproduc\$3 with picture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:38
L19	3	fast\$1forward\$3 same "20" ms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:40
L21	136	picture with "20" ms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:30
L25	8938	synchroniz\$3 same video with audio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:42
L26	6145	synchroniz\$3 with video with audio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:42
L29	2477	normal playback or reproduc\$3 with ("30" ms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:53
L33	50	(playback or reproduc\$3) same ("33" ms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:55
L34	371	(playback or reproduc\$3) same ("20" ms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 17:56

## EAST Search History

L35	95	(playback or reproduc\$3) with ("20" ms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:01
L40	17	( reproduc\$3 period with "20")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:04
L41	64	( reproduc\$3 period same "20")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:04
L42	47	41 not 40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:04
L45	2	jp "08322043"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:09
L46	1	1997-075227.NRAN.	DERWENT	OR	ON	2007/04/28 18:07
L47	2	jp "10262208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:09
L48	2	"6339675".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:09
L49	3	("5583652"   "6098046").PN. OR ("6339675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/28 18:10

## EAST Search History

L50	55	("4851909"   "5347322"   "5351092"   "5375068"   "5379356"   "5381181"   "5396497"   "5430485"   "5467139").PN. OR ("5594660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/28 18:20
L51	13	hayashibara-k.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/28 18:30
S1	2	"20040042763"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 13:46
S2	1032	synchroniz\$3 with (audio with video) with (decod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 08:11
S3	41	synchroniz\$3 with (audio with video) with (decod\$3) same ( fast\$1forward\$3 or paus\$3) audio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 09:11
S4	91	synchroniz\$3 with (audio with video) same ( fast\$1forward\$3 or paus\$3) audio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 08:14
S5	50	S4 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 08:17
S6	1363	(386/96).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/19 08:17

## EAST Search History

S7	57	S2 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 08:17
S8	47	S7 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 08:23
S9	4	("6163647" "6510279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 08:23
S10	9	("5396497"   "5467139"   "5481543"   "5502573").PN. OR ("6510279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 08:41
S11	11	("5565996"   "5583652"   "5617502"   "5671319"   "5815634").PN. OR ("6163647"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 08:51
S15	1	synchroniz\$3 with (audio with video) same (compensat\$3 or adjust\$3) with (video or audio) reproduc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 09:16
S16	102	synchroniz\$3 with (audio with video) with ( slow or fast\$1forward or pause)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 12:21
S17	57	("4398220"   "5381186"   "Re33535").PN. OR ("5467139"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 09:30
S18	9	("5396497"   "5467139"   "5481543"   "5502573").PN. OR ("6510279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 09:41
S19	11	("5430485"   "5467139"   "5565923"   "6130987"   "6188731").PN. OR ("6583821"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 10:46

## EAST Search History

S20	1	"20040047611"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 10:46
S24	390	synchroniz\$4 with (decod\$3) same (detect\$3 same compar\$3 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 12:24
S26	7	synchroniz\$4 with (decod\$3 with (video with audio)) same (detect\$3 same compar\$3 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 12:24
S27	19	dtsa with dtsv	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 12:46
S28	107	compar\$3 with (audio with time stamp) with (video with time stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/27 16:25
S29	2	"20040047619"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 13:47
S31	24	detect\$3 with lip sync	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 13:55
S33	5	lip sync same ( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 14:09

## EAST Search History

S34	1256	(lip sync or error) same ( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 14:10
S35	24	decod\$3 same (lip sync or error) with ( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:51
S36	9	("5396497"   "5467139"   "5481543"   "5502573").PN. OR ("6510279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 14:54
S37	90	("3898376"   "5218450"   "5226026"   "5233589"   "5291486").PN. OR ("5502573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 15:05
S38	1284	(386/126).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/19 15:05
S39	72	S6 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 15:06
S40	2342	(audio video) with synchroniz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:12
S41	2	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:08
S42	55	S38 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:08

## EAST Search History

S50	51	synchroniz\$3 with (video with audio) with (paus\$3 or fast\$1forward\$3) audio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:41
S51	2	jp "08322043"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:42
S52	1	1997-075227.NRAN.	DERWENT	OR	ON	2007/04/19 15:41
S53	2	jp "10262208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:43
S54	1	1998-579664.NRAN.	DERWENT	OR	ON	2007/04/19 15:46
S55	2	"6339675".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 15:47
S56	3	("5583652"   "6098046").PN. OR ("6339675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 15:54
S58	14	difference with (audio time with video time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:06
S59	14	difference with (audio with video )time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:06



## EAST Search History

S60	709	difference with time with (audio with video )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:07
S62	2	synchroniz\$3 same (detect\$3 with (lip sync or delay or lag)) same ( difference with time\$1stamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:09
S63	500	synchroniz\$3 same (detect\$3 with (lip sync or delay or lag)) same ( difference with time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:10
S64	6	audio video same synchroniz\$3 same (detect\$3 with (lip sync or delay or lag)) same ( difference with time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:12
S65	10	audio video same synchroniz\$3 same (detect\$3 same (lip sync or delay or lag)) same ( difference with time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:12
S66	4	S65 not S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/19 16:12
S67	2	"5594660".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/28 17:19

## EAST Search History

S68	5353765	ep "1385337"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 10:44
S69	2	ep "1385337"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 10:44
S70	310	(lip sync or error) with ( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:52
S71	2	(lip sync or error) with ( "100" ms\$2 same "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 16:10
S72	3	(lip sync or error) with ( "100" ms\$2 and "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:53
S73	310	(lip sync or error) with ( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:54
S74	5	(lip sync or error) with ( "100" ms\$2 or "30" ms\$2) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:57
S75	3	synchroniz\$3 with ( "100" ms\$2 or "30" ms\$2) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:58

## EAST Search History

S76	1	time stamp with ( "100" ms\$2 or "30" ms\$2) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:59
S77	1	decod\$3 same ( "100" ms\$2 or "30" ms\$2) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 15:59
S78	6	audio with video same ( "100" ms\$2 or "30" ms\$2) same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 16:02
S79	6	audio with video same threshold same( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 16:02
S80	32	audio with video and threshold with( "100" ms\$2 or "30" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 16:03
S81	8	(lip sync or error) with ( "33" ms\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/20 16:12
S83	4	("6163647" "6510279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/27 16:25